| T 37 1 | Hits | Search Text | DB | Time stamp |
|----------|------|---|-----------|------------------|
| L Number | 2 | @pd<19970923 AND (invox OR invoice OR | USPAT; | 2003/02/10 17:14 |
| - | 2 | sandisk).AS. AND (analog NEAR5 memory) | US-PGPUB; | 2003/02/10 17:14 |
| | | Sandisk/.AS. AND (analog NEARS memory) | EPO; JPO; | 1 |
| | | | IBM TDB | |
| _ | 33 | @ad<19980923 AND (analog NEAR5 memory) AND | USPAT; | 2003/02/10 17:48 |
| _ | 33 | @pd>20020827 | US-PGPUB; | 2003/02/10 17:40 |
| | | epa>20020021 | EPO; JPO; | |
| | | | IBM TDB | |
| _ | 7 | ("3760280" "4318188" "4335393" | USPAT | 2003/02/10 17:21 |
| _ | ′ | "5264945" "5557335" "5675388" | OSTAL | 2003/02/10 17:21 |
| | | "6100790").PN. | | |
| _ | 0 | 6466273.URPN. | USPAT | 2003/02/10 17:22 |
| _ | . 1 | ("5801980").PN. | USPAT; | 2003/02/10 17:47 |
| | _ | 3001300 7.11. | US-PGPUB; | 2003/02/10 1/.1/ |
| | | | EPO; JPO; | · |
| | | | IBM TDB | |
| _ | 1 | ("5687115").PN. | USPAT; | 2003/02/10 17:47 |
| | _ | (000.110 | US-PGPUB; | 2000,02,10 1:11 |
| | | | EPO; JPO; | |
| | | | IBM TDB | |
| _ | 4 | @ad<19980923 AND ((multilevel OR "multi | USPAT; | 2003/02/10 17:52 |
| | • | level") NEAR5 memory) AND @pd>20020827 | US-PGPUB; | |
| | | | EPO; JPO; | |
| | | | IBM TDB | |
| _ | 37 | @ad<19980923 AND ((multilevel OR "multi | US-PGPUB | 2003/02/10 17:59 |
| | 5, | level" OR analog) NEAR5 memory) | | |
| _ | 123 | @ad<19980923 AND ((multilevel OR "multi | USPAT; | 2003/02/10 18:04 |
| | | level" OR analog) NEAR5 memory) AND | US-PGPUB; | |
| | | "charge pump" | EPO; JPO; | |
| | | | IBM TDB | |
| - | 10 | @ad<19980923 AND ((multilevel OR "multi | USPĀT; | 2003/02/10 18:13 |
| | | level" OR analog) NEAR5 memory) AND | US-PGPUB; | |
| | | "charge pump" AND (camera OR ccd OR "image | EPO; JPO; | |
| | | sensor" OR "image pickup" OR "image pick" | IBM TDB | |
| | | up" OR "imaging device" OR "image sensing" | _ | |
| | | OR "imaging array" OR "pixel sensor") | | |
| - | 1 | ("4445189").PN. | USPAT; | 2003/02/10 18:15 |
| | | | US-PGPUB; | |
| | | | EPO; JPO; | |
| | _ | | IBM_TDB | |
| - | | 4445189.URPN. | USPAT | 2003/02/10 18:15 |
| - | 157 | sandisk.as. | USPAT; | 2003/02/10 18:16 |
| | | | US-PGPUB; | |
| | | | EPO; JPO; | |
| | _ | | IBM_TDB | |
| - | 2 | sandisk.as. AND image.CLM. | USPAT; | 2003/02/10 18:26 |
| j | | | US-PGPUB; | |
| | | | EPO; JPO; | |
| | _ | 55 66102 (MP PW | IBM_TDB | 0.00 (0.0 (1.5) |
| - | 0 | 5566103:URPN. | USPAT | 2003/02/10 18:18 |
| - | 54 | ("3315235" "3355719" "3462742" | USPAT | 2003/02/10 18:18 |
| | | "3584209" "3593313" "3646522" | | |
| . | | "3654499" "3670313" "3689902" | | |
| | | "3701125" "3701132" "3702988" | | |
| | | "3763480" "3772658" "3787852" "378787888 "3818136" "3857181" | | |
| | | "3797002" "3810126" "3857101" "3959640" "3976990" "3977056" | | |
| | | "3859640" "3876989" "3877056" "3887762" "3903543" "3914748" | | |
| | | "3887762" "3903543" "3914748" "3931510" "3941979" "3946368" | | |
| | | "3947826" "3947827" "3950732" | | |
| 1 | | "3956624" "3958210" "3967263" | | |
| | | "3986176" "3991409" "4034199" | | |
| | | "4084257" "4092734" "4209843" | | |
| ļ | | "4209852" "4209853" "4271488" | | |
| .] | | "4318188" "4322819" "4371953" | | |
| l l | | "4445189" "4486850" "4491930" | | |
| | l | 4440100 4400000 4491900 | | |
| | ļ | "4523290" "4825364" "4896260" | | |

| _ | 6 | sandisk.as. AND "analog/multi-level" | USPAT; US-PGPUB; | 2003/02/11 10:59 |
|---|------|--|--|------------------|
| - | 1 | ("6134145").PN. | EPO; JPO; IBM_TDB USPAT; | 2003/02/11 13:52 |
| | _ | | US-PGPUB; EPO; JPO; IBM_TDB | 0000/00/11 10 50 |
| - | 1 | ("5280358").PN. | USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 10:59 |
| _ | 5 | @ad<19980923 AND (365/45-48 OR 365/185.01-185.33).CCLS. AND pipelin\$3 AND "charge pump" | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/13 12:28 |
| | 42 | ("4653023" "5043940" "5142496" "5153880" "5218570" "5293560" "5321655" "5321699" "5339272" "5386388" "5394362" "5434825" "5469444" "5495442" "5523972" "5539690" "5555204" "5566125" "5583812" "5602789" "5608669" "5608676" "5621686" "5627784" "5638320" "5638326" "5642312" "5648934" "5654918" "5673224" "5684739" "5694366" "5729489" "5737260" "5764568" "5771346" "5768184" "5768287" "5771346" | USPAT | 2003/02/11 11:44 |
| - | 4 | "5790453" "5903504" "5912838").PN. @ad<19980923 AND ((multistate OR "multistate") NEAR2 memory) AND pipelin\$3 AND "charge pump" | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/11 11:59 |
| - | 1 | ("5768287").PN. | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/11 11:49 |
| _ | 18 | @ad<19980923 AND ((multistate OR "multi state") NEAR2 memory) AND "charge pump" | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/11 11:54 |
| - | 19 | @ad<19980923 AND ((multistate OR "multi state") NEAR2 memory) AND pipelin\$3 | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/11 11:57 |
| - | 1 | "10 Mbits/sec" AND "50 Mbits" AND memory | USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 11:58 |
| - | . 57 | <pre>@ad<19980923 AND (365/45-48 OR 365/185.01-185.33).CCLS. AND pipelin\$3</pre> | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 15:37 |
| - | 17 | @ad<19980923 AND (365/45-48 OR 365/185.01-185.33).CCLS. AND (pipelin\$3 NEAR5 writ\$3) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 12:47 |
| - | 10 | ("5394362" "5519654" "5519847" "5680341" "5694356" "5712815" "5781474" "5784319" "5848013" "5867430").PN. | IBM_TDB USPAT | 2003/02/11 12:56 |
| _ | 1 | ("5519654").PN. | USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 15:19 |
| - | 2 | Wong-Sau-C.IN. AND @pd<19970923 | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/11 15:19 |

| - 38 | ("4054864" "4057788" "4181980" "4200841" "4318188" "4357685" "4520461" "4627027" "4852063" | USPAT | 2003/02/11 15:35 |
|-------|--|--|--------------------------------------|
| | "4890259" "4935702" "4989179" "4996571" "5012448" "5028810" "5042009" "5055897" "5068827" | | |
| | "5126967" "5163021" "5164915" "5168465" "5172338" "5218569" "5220531" "5239500" "5241494" | | |
| | "5243239" "5257225" "5258949" "5262984" "5272669" "5294819" "5339270" "5394362" "5430670" | | |
| - 585 | "5485423" "5544099").PN. @ad<19980923 AND (365/45-48 OR 365/185.01-185.33).CCLS. AND (charge NEAR pump\$3) | USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 15:38 |
| - 208 | @ad<19980923 AND (365/45-48 OR 365/185.01-185.33).CCLS. AND (charge NEAR pump\$3) AND (verif\$4 OR verification) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 15:39 |
| - 199 | 365/185.01-185.33).CCLS. AND (charge NEAR pump\$3) AND (verif\$4 OR verification) NOT ((sandisk OR invoice OR invox).AS. AND | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/13 10:06 |
| - 25 | <pre>@pd>19970922) (sandisk OR invoice OR invox).AS. AND imag\$3</pre> | USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 15:46 |
| - 25 | (sandisk OR invoice OR invox).AS. AND @pd<19970923 | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 15:49 |
| - 2 | (sandisk OR invoice OR invox).AS. AND @pd<19970923 AND pipelin\$3 | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/12 10:30 |
| - 15 | (@ad<19980923 AND (365/45-48 OR 365/185.01-185.33).CCLS. AND (charge NEAR pump\$3) AND (verif\$4 OR verification) NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922)) AND (odd NEAR9 even) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/13 11:06 |
| - 18 | | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/11 17:06 |
| - 1 | • | USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 17:00 |
| 7 16 | (@ad<19980923 AND (("multi level" OR multilevel OR "multi state" OR multistate) NEAR2 memory) AND (charge NEAR pump\$3) AND (verif\$4 OR verification) NOT ((sandisk OR | IBM_TDB USPAT; USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/11 17:00 2003/02/11 18:34 |
| 1 | invoice OR invox).AS. AND @pd>19970922)) AND (parallel OR pipelin\$3 OR simultaneous\$2) | исруж | |
| - 1 | ("6441855").PN. | USPAT; US-PGPUB; EPO; JPO; | 2003/02/11 18:34 |
| - 1 | ("5777923").PN. | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/12 10:16 |
| - 29 | (sandisk OR invoice OR invox).AS. AND pipelin\$3 | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/12 15:07 |
| | | IBM TDB | |

| - | 964 | @ad<19980923 AND (365/185.22 OR 365/185.28 OR 365/185.11).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) | USPAT; US-PGPUB; EPO; JPO; | 2003/02/12 10:38 |
|---|--------|--|--|--------------------------------------|
| _ | 406 | @ad<19980923 AND (365/185.22).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/12 10:39 |
| _ | 406 | @ad<19980923 AND (365/185.22).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND ((365/185.22).CCLS. OR (charge NEAR2 pump\$3) OR (multilevel OR "multi level" OR multistate OR "multi state") OR pipelin\$3 OR parallel) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/12 10:55 |
| - | 406 | @ad<19980923 AND (365/185.22).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND ((365/185.22).CCLS. OR (charge NEAR2 pump\$3) OR (multilevel OR "multi level" OR multistate OR "multi state") OR pipelin\$3 OR parallel OR analog.AB.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/12 10:56 |
| _ | 406 | , | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/12 12:19 |
| - | 13 | @ad<19980923 AND (365/185.22).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND camera | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/12 11:12 |
| - | 0 | (sandisk OR invoice OR invox).AS. AND "programming cycles start in the other banks".CLM. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/12 11:26 |
| - | 1 | (sandisk OR invoice OR invox).AS. AND "programming cycles".CLM. | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/12 11:26 |
| _ | 384 | @ad<19980923 AND (365/185.11).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND ((365/185.11).CCLS. OR (charge NEAR2 pump\$3) OR (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1) OR pipelin\$3 OR parallel OR analog.AB.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/12 15:17 |
| - | 1 4 | 5815435.URPN. ("4989179" "5126967" "5164915" | USPAT USPAT | 2003/02/12 13:12 2003/02/12 13:13 |
| _ | 12 | "5220531").PN. @ad<19980923 AND (365/185.11 AND 365/185.03).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND ((365/185.11).CCLS. OR (charge NEAR2 pump\$3) OR (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) OR pipelin\$3 OR parallel OR analog.AB.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/12 14:13 |
| | 1 | ("5095344").PN. | USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/12 14:13 |
| _ | 2 | <pre>@pd<19980923 AND ((multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) NEAR5 memory) AND pipelin\$3</pre> | EPO; JPO | 2003/02/12 15:02 |

| ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) NEAR5 memory) | EPO; JPO | 2003/02/12 17:19 |
|--|------------------------|--------------------------------------|
| state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) NEAR5 memory) | | |
| | | |
| | EPO; JPO | 2003/02/12 15:04 |
| ADJ level\$2) OR multistate\$1 OR (multi ADJ | | |
| state\$1) OR multivalue\$1 OR (multi ADJ | | |
| value\$1)) NEAR5 memory) AND (charge NEAR2 pump\$3) | | |
| - 39 @pd<19980923 AND ((multilevel\$2 OR (multi | EPO; JPO | 2003/02/12 15:05 |
| ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ | | |
| value\$1)) NEAR4 memory) AND (writ\$3 OR | | |
| program\$4) AND voltage AND cell | | 0000/00/10 15 00 |
| | EPO; JPO EPO; JPO | 2003/02/12 15:08 2003/02/12 15:08 |
| @pd<19980923 | E10, 810 | 2003/02/12 13:00 |
| | USPAT; | 2003/02/12 15:20 |
| , | US-PGPUB; EPO; JPO; | |
| | IBM TDB | |
| | USPAT; | 2003/02/12 15:33 |
| | US-PGPUB; EPO; JPO; | |
| | IBM_TDB | |
| | USPAT; | 2003/02/12 15:22 |
| | US-PGPUB; EPO; JPO; | |
| | IBM_TDB | |
| | USPAT; US-PGPUB; | 2003/02/12 17:43 |
| | EPO; JPO; | |
| | IBM_TDB | 0000/00/100 15 05 |
| | USPAT USPAT | 2003/02/12 15:25 2003/02/12 15:26 |
| "5163021" "5172338" "5239506" | 001111 | 2000,02,12 10120 |
| "5262984" "5293560" "5371702" "E475603" "54756 | | |
| | | |
| "5541886" "5554867" "5574879" | | |
| "5659550" "5680341" "5682352" "5694356" "5745409" "5748533" | | |
| "5748534" "5801980" "5802553" | | |
| "5815425" "5818757" "5828616" | | |
| | | |
| "5909387" "5909449" "5912846" | | |
| "5923585" "5943283" "5949716" | | |
| "5969986" "5970012" "5986929" | • | |
| "6038166" "6055181" "6058060" | • | |
| | | , |
| "6134141" "6134143" "6134145" | | |
| "6137719" "6149316" "6151246" | | |
| "6160739" "6208542" "6219282" "6222762" "6233175" "6233717" | | |
| "6236081").PN. | | |

| "\$163021" "\$172338" "\$239506" "\$262984" "\$293506" "\$31702" "\$476693" "\$4786422" "\$504760" "\$578958" "\$589582" "\$509134" "\$511022" "\$589858" "\$559134" "\$51022" "\$584386" "\$5548667" "\$574879 "\$659550" "\$680341" "\$68232" "\$659550" "\$680341" "\$682533" "\$788534" "\$501980" "\$788533" "\$788534" "\$501980" "\$7882616" "\$847992" "\$859795" "\$862074" "\$593987" "\$9859795" "\$862074" "\$593387" "\$999449" "\$912846" "\$593387" "\$999449" "\$912846" "\$593387" "\$999449" "\$912846" "\$599345" "\$91012" "\$986929" "\$599445" "\$613719" "616530" "6038166" "605181" "6058060" "6038166" "6091631" "6094388" "603779" "6122193" 6128675" "6134141" "61341431" "6015426" "6160739" "62208542" "6219282" "6222762" "6233175" "6223777" "6236081").PN. - 13 ("4989181" "\$195057" "\$500959" USPAT "5675540" "5754675" "\$758066" "5787484" "\$793774" "\$687312" "8677986").PN ead<19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd>19970922) AND (multi ADJ state\$1) OR multistate\$1 OR multi ADJ state\$1 OR (multi ADJ state\$1) OR multistate\$1 OR (multi ADJ state | | | | | |
|---|---|------|---|-----------|------------------|
| "5262984" "5293560" "3371702" "5475693" "5458422" "5504760" "5508958" "55590134" "551022" "5569550" "5690341" "551022" "569550" "5690341" "5682352" "5694356" "5748031" "5802531" "5748534" "5801980" "5802553" "5817966" "5880967" "5802553" "5817992" "5889795" "9862074" "58039387" "5909449" "591246" "5803388" "5909449" "591246" "599345" "5909449" "591246" "599345" "5909449" "591246" "599345" "6011741" "6016530" "6038166" "6055181" "6036300" "6078326" "6016311" "6034368" "6078526" "6055181" "6034368" "6078526" "6051811" "61491655" "6134141" "6134143" "6134145" "6137719" "6122193" "612266" "623608"), PN. "6236081"), PN. "6236081"), PN. "6236081", PN. "633684" "57393774" "58733112" "6379866"), PN. 1842 | - | 70 | ("5043940" "5095344" "5097445" | USPAT | 2003/02/12 15:27 |
| "5475693" "548422" "5504760" "5508958" "5509494" "551022" "5541886" "5554867" "5574879" "5694556" "5746409" "5748532" "569456" "5746409" "5748533" "5748534" "5801980" "5805531" "5815425" "581877" "5828616" "581786" "5880996" "5886340" "5897386" "5990497 "5862074" "5897386" "5990499" "5996329" "5999387" "5990499" "5996329" "5999945" "6011741" "6016530" "6038166" "6055181" "6058060" "6078526" "6091631" "6089060" "6078526" "60191631" "6094368" "60697637" "6122193" "6126675" "6134141" "6134143" "6134145" "6137719" "6149316" "6151246" "6160739" "6208542" "62237177" "6226081", PN "513552" "5487322" "5489300" "5375540" "5734567" "5738056" "5787484" "5733774" "5873112" "6236081", PN (3657230.30-230.04).CCLS. NG (multilevel\$2 OR (multi ADJ state\$1) OR multisate\$1 OR multilevel\$2 OR multi ADJ state\$1) OR multisate\$1 OR multisate\$1 OR (multi ADJ state\$1) OR multisate\$1 OR multisate\$1 OR (multi ADJ value\$1)) - 41 @ 46419990922) AND (3657230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox). AS. AND @ Pd919970922) AND (3657230.30-230.04).CCLS. NOT (sandisk OR invoice OR invox). AS. AND @ Pd919970922) AND (3657230.03-230.04).CCLS. NOT (sandisk OR invoice OR invox). AS. AND @ Pd919970922) AND (3657230.03-230.04).CCLS. NOT (sandisk OR invoice OR invox). AS. AND @ Pd919970922) AND (3657230.03-230.04).CCLS. NOT (sandisk OR multisate\$1 OR (multi ADJ value\$1)) - 41 @ 46419990922) AND (3657230.03-230.04).CCLS. NOT (sandisk OR multisate\$1 OR (multi ADJ value\$1)) - 5680341" "5694366" "5712815" "578477 "57847 | | | "5163021" "5172338" "5239506" | | 1 |
| "5508958" "5509134" "5511022" "5541886" "555486" "555486" "5569550" "5669351" "5659550" "5680341" "5680352" "5694356" "5748409" "5748533" "5748534" "5801980" "5802553" "5815422" "5818757" "5828616" "5887992" "5887995" "58862074" "5999387" "5909449" "5912846" "5909387" "5909449" "5912846" "5923585" "5933283" "5949716" "5999445" "6011741" "6016530" "6038166" "6055181" "6034688" "607637" "61221931" "6128615" "6137119" "6129131" "6128615" "6137119" "6129131" "6128615" "613719" "6129131" "6128615" "613719" "6129131" "6128615" "613719" "6129131" "6208521" "5787388" "5933175" "6233717" "6236081", PN. - 13 ("4989181" "5195057" "5200959" "5787388" "5787487" "578056" "5787388" "5787487" "578056" "5787388" "5787487" "5780056" "5787388" "5787487" "5780056" "5787388" "5787487" "58780061" "5877986"), PN. - 1842 @dd1980923 AND (365/230.03-230.04).CLS. NOT ((sandisk OR invoice OR invox). AS. AND @pd19970922) AND ((365/230.03-230.04).CLS. OR multivalue\$1 OR (multi ADJ value\$1)) - 40 @dd19970922) AND (multilevel\$2) OR multivalue\$1 OR (multi ADJ value\$1) - 41 @da419980923 AND (365/230.03-230.04).CLS. NOT ((sandisk OR invoice OR invox). AS. AND @pd19970922) AND ((365/230.03-230.04).CLS. OR multivalue\$1 OR (multi ADJ value\$1) - 5807381" "55867481" "5519854" "5808341" "558674319" "5848013" "5808341" "5784319" "5848013" "5808341" "5784319" "5848013" "5808341" "5784319" "5848013" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864356" "5512815" "5808341" "57864363" "4800259" "49055897 | | | | | |
| "5541886" "5554867" "5574879" "5694550" "5690431" "568232" "5694556" "5746309" "5748533" "5748534" "5801909" "59025531" "5815425" "5818757" "5828616" "5817982" "5880996" "5886340" "5807388" "58909489" "5986340" "5903887" "5909489" "5986340" "5903887" "5909449" "5986340" "5903887" "5909449" "5986329" "5999445" "6011741 "5016530 "6038166" "6055181" "6058060" "6078526" "6091631" "6016530" "6078526" "6091631" "6018650" "6078526" "601731" "6128675" "6137119" "6134143" "61341415" "6137719" "6134143" "61341415" "6137719" "6208542" "6219282" "622762" "62233175" "62033717" "6236081", PN - 131 ("4989181" "5195057" "5200959" "62675540" "5754567" "5758056" "5787484" "5733774" "5873112" "62763681", PN - 1842 (ead-19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox). AS. AND (8pd319970922) AND (10365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox). AS. AND (8pd319970922) AND (10365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox). AS. AND (8pd319970922) AND (10365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox). AS. AND (8pd319970922) AND (10365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox). AS. AND (8pd319970922) AND (101611evel\$2) OR (multi ADJ value\$1)) - 41 (ead-19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox). AS. AND (8pd319070922) AND (101611evel\$2) OR (multi ADJ value\$1) - 41 (ead-19980923 AND (365/230.03-230.04).CCLS. NOT (Sandisk OR invoice OR invox). AS. AND (8pd31970922) AND (101611evel\$2) OR (multi ADJ value\$1) - 5868341" "5694356" "5712815" USPAT (2003/02/12 15:4: - 5868341" "5694356" "5712815" USPAT (2003/02/12 15:4: - 5868341" "5694356" "5712815" USPAT (2003/02/12 15:4: - 78687430", PN 13 5680341.URPN. | 1 | | 1 | | |
| "5659550" "5680341" "5682352" "5694356" "5745409" "5745533" "5748534" "5801980" "5805533" "5815425" "5818757" "822616" "887792" "5818757" "822616" "887796" "5880396" "58262074" "887796" "5880396" "58962074" "897796" "5880396" "58962074" "897396" "5980396" "5896340" "9593857" "590449" "5912846" "9593945" "59143283" "5912846" "9593945" "59143283" "5949716" "6038166" "605181" "6058060" "6078526" "6091631" "6094368" "6079637" "61221931" "6128675" "6131411" "6134143" "6134145" "6137719" "6149316" "6151246" "616739" "6208542" "6219282" "6222762" "6233175" "6223717" "6236081").PN. - 13 ("4989181" "5195057" "5200959" USPAT "55787484" "5793774" "5873112" "5787484" "5793774" "5873112" "5877996").PN. - 24 (24c1999092) AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (26c1997092) AND (365/230.32-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (26c1997092) AND (365/230.32-30.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (26c1997092) AND (multilavels) OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ tate\$1) OR multivalue\$1 OR (multi ADJ tate\$1 OR (multi ADJ tat | | | | | |
| "5694356" "5745409" "5748533" "5748534" "5801980" "5805553" "5815425" "5818757" "5828616" "8847992" "5859795" "58262074" "897996" "5899956" "5886340" "95993897" "5599449" "5912846" "9593385" "5993483" "5949716" "9593485" "5993483" "5949716" "559945" "5993483" "5949716" "6038166" "6579012" "5966929" "6038166" "6055181" "6058060" "6038166" "6055181" "6068060" "6078526" "6091611 "6094366" "6078526" "6091611 "6094366" "6137119" "6149316" "6131445" "6137119" "6149316" "6151246" "6160739" "62208542" "6219282" "6222762" "6233175" "6233717" "6236081").PN. - 13 ("4989181" "5199057" "5200959" USPAT "5315552" "5418752" "5469330" "5675540" "5754657" "5758066" "5787484" "5793774" "5873112" "5877986").PN. - 1842 ead<1980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND Epc) 19970922) AND (multi ADJ state\$1) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ state\$1) OR mul | | | | | |
| "5748534" "5801980" "5802553" "8815425" "5818757" "5826166" "8814792" "58597957" "5862074" "5877986" "58597957" "5862074" "5877986" "5896996" "5896340" "599387" "580448" "5912846" "5923585" "5943283" "5949716" "5969960" "5970012" "5986929" "6038166" "6051811" "6016530" "6038166" "6051811" "6016530" "6078526" "60916311" "60146530" "6137119" "6149316" "6151246" "6137719" "6149316" "6151246" "6137719" "6149316" "6151246" "6137719" "6149316" "6151246" "6223762" "6233175" "6233177" "6236081").PN. - 13 ("4989181" "5195057" "5200959" USPAT "6236081").PN 204(1990923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND (365/230.230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND (365/230.230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND (multil ADJ level\$2) OR multivalue\$1 OR (multi ADJ value\$1)) - 41 @ad(1998092) AND (365/230.230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND (multil evel\$2 OR (multi ADJ state\$1 OR multivalue\$1 OR (multi ADJ state\$1) OR multistate\$1 OR (multi ADJ state\$1) OR multistate\$1 OR (multi ADJ state\$1) OR multistate\$1 OR (multi ADJ sead(199023) AND (365/230.03-230.04). CCLS. NOT (1980411 | | | | | |
| "5815425" "5818757" "5828616" "5847992" "5859959" "5862074" "5847992" "5859959" "58862074" "5877986" "5980996" "5896340" "5903887" "5903449" "5912846" "5923885" "5943283" "5949716" "5959945" "601741" "6016530" "6038166" "6095181" "609694368" "6078526 "6091631" "6094368" "6078526 "6091631" "6094368" "6134141" "6134143" "6134145" "6137719" "6122193" "6128675" "6134141" "6134143" "6134145" "6137719" "6149316" "6151246" "6622762" "6233175" "6233717" "6236081").PN. - 13 ("4989181" "5195057" "5200959" USPAT 2003/02/12 15:21 "5515552" "5418752" "5408390" "5573484" "55793774" "5873112" "5877986").PN. - 244 (349980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (pd>190790922) AND (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) - 41 (242980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (Sed<19980923 AND (365/230.03-230.04).CLS. USPAT; 2003/02/12 17:01 - 41 (2529 (Multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1) Cacles (Cacles of invoice) (Cacle | | | | | |
| "5847992" "5859795" "5862074" "5877986" "5909995" "899340" "590387" "5909449" "5912846" "5903887" "5909449" "5912846" "5953585" "5943283" "5949716" "5969386" "5970012" "59986299" "6038166" "601741" "6016530" "6038166" "605181" "6058060" "6078526" "6091631" "6094368" "6134141" "6134143" "6134145" "6137719" "6129219" "6128675" "61361719" "6203824" "6219282" "622762" "6233717" "6233717" "6236081").PN. - 13 ("4989181" "5195057" "5200959" "53755540" "5754567" "5758056" "5787484" "5753774" "5873112" "587786").PN. - 1842 (Add1980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (pds)1970922).AND ((365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (pds)1970922).AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (pds)1970922).AND (multi ADJ slevel\$2).OR multivalue\$1 OR (multi ADJ value\$1).Or - 41 (add1980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (pds)1970922).AND (multilevel\$2 OR (multi ADJ slevel\$2).OR Multistate\$1 OR multi ADJ value\$1).Or Depart ADJ level\$2).OR multistate\$1 OR (multi ADJ state\$1).Or ADJ level\$2).OR multistate\$1 OR (multi ADJ state\$1).Or TS873862" "5519654" "5519847" Depart "5660341" "5694356" "5712815" "5781474" "5784319" "58848013" "5660341" "5694356" "5712815" "5781474" "5784319" "58848013" "5660341" "4057788" "4181980" "4200841" "4381888" "4181980" "4200841" "4381888" "4627027" "4809223" "4852063" "4890259" "4935702" "4989179" "5028810" "5055897" "5126967" "5163021" | | | | | _ |
| "5877986" "5880996" "5896340" "5903387" "5909449" "5912846" "5923885" - "5943283" "5949716" "5923885" - "5943283" "5949716" "599986" "5970012" "5986929" "599986" "6051811" "60616530" "6038166" "6055181" "60594368" "6078526" "6091631" "6094368" "6097637" "6122193" "6128675" "613719" "6149316" "6151246" "6163779" "6134143" "6134145" "613719" "6149316" "6151246" "622762" "6233717" "6233717" "6236081").PN. - | | | | | |
| "5909387" "5903449" "5912846" "5923885" "5943283" "5949716" "5963986" "5970012" "5986929" "5969946" "6011741" "6016530" "6038166" "6055181" "6018060" "6078526" "6091631" "6098060" "6078526" "6091631" "6128675" "6134141" "6134143" "6134145" "6137719" "6149316" "6151246" "6160739" "6208542" "6233717" "6236081"),PN. - 13 ("4989181" "5195057" "5200959" "5315552" "5418752" "5469390" "5675540" "5754567" "5758056" "5787484" "5793774" "5873112" "5877986"),PN. - 1842 | | | | | |
| "59623585" "594283" "5949716" "596986" "5970012" "5986929" "596986" "5970012" "5986929" "596986" "60511741" "6016530" "6038166" "6055181" "6058060" "6078526" "6051631" "6059060" "6038166" "6051631" "6094368" "6037637" "6122193" "6128675" "6134141" "6134143" "6134145" "6137719" "6149316" "6151246" "6167739" "6208542" "6233717" "6232762" "62033175" "6233717" "6236081").PN. - 13 ("4989181" "5195057" "5200959" "5315552" "5418752" "5469390" "57877986").PN 234(1990923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (2003/02/12 15:3) ("3567230.03-230.04).CCLS. OR (multilevel\$2 OR (multi ADJ state\$1) OR (multilevel\$2 OR (multi ADJ state\$1) OR (multivalue\$1 OR (multi ADJ state\$1) OR (multi A | | | | | |
| "5969986" "5970012" "5986929" "5999445" "6011741" "6016530" "6038166" "6055181" "6098060" "6078526" "6091631" "6098060" "6078526" "6091631" "6128675" "6134141" "6134143" "6134145" "6137719" "6149316" "6129282" "6222762" "6233175" "6233717" "6236081").PN. - 13 ("4989181" "5195057" "5200959" "5315552" "554567" "558056" "5787484" "57754567" "5873312" "5877986").PN. - 1842 @ad<19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd-19970922) AND ((365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd-19970922) AND ((365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd-19970922) AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd-19970922) AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd-19970922) AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd-19970922) AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd-19970922) AND (multil ADJ state\$1) OR multivalue\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (m | | | | | |
| "5999445" "6011741" "6016530" "6038166" "6055181" "6058060" "6078526" "6091631" "6094368" "6097637" "6122193" "6128675" "6134141" "6134143" "6134145" "6137719" "6149316" "6151246" "6160739" "6208542" "6239282" "6222762" "6233175" "6233717" "6236081"), PN | | | | | |
| "6038166" "6055181" "60593600" "6078526" "6091631" "6094368" "6097637" "6122193" "6128675" "6134141" "6134143" "6134145" "6137179" "6149316" "6151246" "6137719" "6149316" "6151246" "61260739" "6208542" "6233717" "6236081").PN. - 13 ("4989181" "5195057" "5200959" "5315552" "5418752" "5469390" "5675540" "5754567" "5758056" "5877846" "5793774" "5873112" "5877986").PN. - 1842 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.03-230.04).CCLS. OR (Multi ADJ state\$1) OR (Multivalue\$1 OR (Multi ADJ state\$1) OR (Multivalue\$1 OR (Multi ADJ value\$1))) - 41 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.33-230.04).CCLS. OR (Multivalue\$1) OR (Multivalue\$1 OR (Multi ADJ value\$1)) - 41 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.03-230.04).CCLS. OR (Multi ADJ value\$1)) - 41 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.03-230.04).CCLS. OR (Multivalue\$1)) - 41 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.03-230.04).CCLS. OR (Multivalue\$1)) - 42 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.03-230.04).CCLS. OR (Multivalue\$1)) - 43 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.03-230.04).CCLS. OR (Multivalue\$1)) - 44 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.03-230.04).CCLS. OR (Multivalue\$1)) - 54 (Addish OR invoice OR invox).AS. AND (Sept) (3657230.03-230.04).CCLS. OR (Multivalue\$1) - 5580341.WF. Sept) (3657230.03-230.04).CCLS. OR (Multivalue\$1) - 5680341.WF. Sept) | | | | | 1 |
| "6078526" "6091631" "6094366" "6097637" "6122193" "6128675" "6137719" "6149316" "6151246" "6137719" "6149316" "6151246" "622762" "6208542" "6233717" "6236081" NN. "6233717" "6236081" NN. "5200959" USPAT "5315552" "5418752" "5468390" "55675540" "5754567" "5758056" "5787484" "5793774" "5873112" "5877986" NN. (365/230.03-230.04).CCLS. Red<19980923 AND (365/230.03-230.04).CCLS. (365/230.03-230.04).CCLS. OR (365/230.03-230.04).CC | | | | | |
| "6097637" "6122193" "6128675" | | | l · | | |
| "6134141" "6134143" "6134145" | | | , | | |
| "6137719" "6149316" "6151246" "6160739" "6208842" "6219282" "6222762" "6233175" "6233717" "6236081").PN. "5315552" "5418752" "5409390" "55755600" "5754567" "5758056" "5787484" "5793774" "5873112" USPAT USPAT "5877986").PN. USPAT USPAT USPAT "5787484" "5793774" "5873112" USPAT U | j | | | | 1 |
| "6160739" "6208542" "6219282" "622762" "6233175" "6233717" "6236081").PN. 13 ("4989181" "5195057" "5409599" "5315552" "5418752" "5469390" "587795540" "57545667" "5758056" "5877484" "5793774" "5873112" "58779867).PN. 1842 8ad<19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND ((365/230.03-230.04).CCLS.) ((365/230.03-230.04).CCLS. OR (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1))) (ead<19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (9pd>19970922) AND (multilevel\$2 OR (multi ADJ state\$1) OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) 41 (sandisk OR invoice OR invox).AS. AND (105 Jev) Jev) Jev) Jev) Jev) Jev) Jev) Jev) | [| | · · · · · · · · · · · · · · · · · · · | | |
| - "622762" "6233175" "6233717" "6236081").PN. ("4989181" "5195057" "5200959" "5315552" "5418752" "5469390" "5787484" "579374" "5788056" "5787484" "579374" "5873112" "5877986").PN. - 1842 | | | | | |
| - 13 "6236081").PN. "4898181" "5195057" "5200959" "5315552" "5418752" "5469390" "5675540" "5754567" "5758056" "5787484" "5793774" "5873112" "5877986").PN. - 1842 @da<19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (epd>19970922) AND ((365/230.03-230.04).CCLS. OR (multilevel\$2 OR (multi ADJ tevel\$2) OR multivalue\$1 OR (multi ADJ value\$1))) - 41 @da<19980923 AND (365/230.03-230.04).CCLS. USPAT; NOT ((sandisk OR invoice OR invox).AS. AND (epd>19970922) AND (multi ADJ value\$1))) - 41 @da<19980923 AND (365/230.03-230.04).CCLS. USPAT; NOT ((sandisk OR invoice OR invox).AS. AND (Epd>19970922) AND (multilevel\$2 OR (multi ADJ value\$1)) - 41 @da<19980923 AND (multilevel\$2 OR (multi Epd; JPO; JPO; ADJ level\$2) OR multivalue\$1 OR (multi ADJ value\$1)) - 5003/02/12 17:00 - 10 ("5394362" "5519654" "5519847" USPAT (2003/02/12 15:47) "5580341" "5584356" "5712815" "5867430").PN. - 13 5680341.URPN. USPAT (2003/02/12 15:47) "5867430").PN. - 29 ("4054864" "4057788" "4181980" USPAT (2003/02/12 15:47) "4200841" "4318188" "4627027" "4809223" "4882063" "4890259" "4935702" "4989179" "5028810" "5068810" "50655897" "5126967" "5163021" | | | | | |
| - 13 ("4989181" "5195057" "5200959" USPAT 2003/02/12 15:26 "5315552" "5418752" "54687990" "5758056" "5787484" "5793774" "5873112" "5877986").PN. 2003/02/12 15:36 Pot | | | | | |
| "5315552" "5418752" "5469390" "5675540" "5754567" "5758056" "5787484" "5793774" "5873112" "5877986").PN. "5877986").PN. (ad<19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (epd>19970922) AND ((365/230.03-230.04).CCLS. OR (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ value\$1)) | - | 13 | | USPAT | 2003/02/12 15:28 |
| "5787484" "5793774" "5873112" "5877986").PN. 1842 | | | | | |
| - 1842 | | | "5675540" "5754567" "5758056" | | |
| - 1842 | | | "5787484" "5793774" "5873112" | | |
| NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND ((365/230.03-230.04).CCLS. OR (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ value\$1)) OR multivalue\$1 OR (multi ADJ value\$1))) | | | , | | |
| <pre>@pd>19970922) AND</pre> | - | 1842 | | USPAT; | 2003/02/12 15:36 |
| ((365/230.03-230.04).CCLS. OR (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1))) - 41 | | | | 1 | |
| (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) 41 | | | • | | |
| multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1))) 41 | | | | IBM_TDB | |
| multivalue\$1 OR (multi ADJ value\$1))) ead<19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND epd>19970922) AND (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) 10 ("5394362" "5519654" "5519847" USPAT "5680341" "5694356" "5712815" "5781474" "5784319" "5848013" "5867430").PN. 13 5680341.URPN. 29 ("4054864" "4057788" "4181980" "4200841" "4318188" "4627027" "4809223" "4852063" "4890259" "4935702" "4989179" "5028810" "5055897" "5126967" "5163021" | | | | | |
| - 41 @ad<19980923 AND (365/230.03-230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND (pd>19970922) AND (multilevel\$2 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) - 10 ("5394362" "5519654" "5519847" USPAT 2003/02/12 15:40 | | | | | |
| NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) 10 ("5394362" "5519654" "5519847" USPAT 2003/02/12 15:42 "5680341" "5694356" "5712815" "5781474" "5784319" "5867430").PN. 13 5680341.URPN. 29 ("4054864" "4057788" "4181980" USPAT 2003/02/12 15:42 "4200841" "4318188" "4627027" "4809223" "4852063" "4890259" "4935702" "4989179" "5028810" "5055897" "5126967" "5163021" | _ | 41 | | HCDAM. | 2002/02/12 17:00 |
| <pre>@pd>19970922) AND (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) - 10 ("5394362" "5519654" "5519847" USPAT 2003/02/12 15:43 "5680341" "5694356" "5712815" "5781474" "5784319" "5867430").PN 13 5680341.URPN 29 ("4054864" "4057788" "4181980" USPAT 2003/02/12 15:43 "1 "4200841" "4318188" "4627027" "4809223" "4852063" "4890259" "4935702" "4989179" "5028810" "5055897" "5126967" "5163021" </pre> | _ | 41 | | | 2003/02/12 17:00 |
| ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) - 10 ("5394362" "5519654" "5519847" USPAT 2003/02/12 15:43 "5680341" "5694356" "5712815" "5781474" "5784319" "5848013" "5867430").PN. - 13 5680341.URPN 29 ("4054864" "4057788" "4181980" USPAT 2003/02/12 15:43 "4200841" "4318188" "4627027" "4809223" "4852063" "4890259" "4935702" "4989179" "5028810" "5055897" "5126967" "5163021" | - | | | | |
| state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) | | | | | |
| - 10 ("5394362" "5519654" "5519847" USPAT 2003/02/12 15:43 | | | | | |
| "5680341" "5694356" "5712815" "5781474" "5784319" "5848013" "5867430").PN. 13 | | | | | |
| "5680341" "5694356" "5712815" "5781474" "5784319" "5848013" "5867430").PN. 13 | _ | 10 | ("5394362" "5519654" "5519847" | USPAT | 2003/02/12 15:41 |
| - 13 5680341.URPN. | | | | | |
| - 13 5680341.URPN. USPAT 2003/02/12 15:43 2003/02/12 2003/02/1 | | | "5781474" "5784319" "5848013" | | |
| - 29 ("4054864" "4057788" "4181980" USPAT 2003/02/12 15:43 | | | · | | |
| "4200841" "4318188" "4627027" "4809223" "4852063" "4890259" "4935702" "4989179" "5028810" "5055897" "5126967" "5163021" | - | | | | 2003/02/12 15:42 |
| "4809223" "4852063" "4890259" "4935702" "4989179" "5028810" "5055897" "5126967" "5163021" | - | 29 | | USPAT | 2003/02/12 15:43 |
| "4935702" "4989179" "5028810" "5055897" "5126967" "5163021" | | | | | |
| "5055897" "5126967" "5163021" | | | | | |
| | | | , | 1 | |
| "0164915" "5168465" "51/2338" | | | · · · · · · · · · · · · · · · · · · · | 1 | |
| UE010EC0U NE000E01U UE000E00U | | | | | |
| "5218569" "5220531" "5239500" "5241404" "5242220" "5262094" | | | · · · · · · · · · · · · · · · · · · · | | |
| "5241494" "5243239" "5262984" "5272669" "5294819" "5339270" | | | | | |
| "5272669" "5294819" "5339270" "5394362" "5430670").PN. | | | | | |
| | _ | 1 | | IISPAT: | 2003/02/12 15:56 |
| US-PGPUB; | | | | 1 | 2003/02/12 13:36 |
| EPO; JPO; | | | | 1 | |
| IBM TDB | | | | | |
| | - | 1 | ("5694356").PN. | _ | 2003/02/12 16:33 |
| US-PGPUB; | | | | · · | |
| EPO; JPO; | | . | | | |
| IBM_TDB | | | | IBM_TDB | |
| | - | 1 | 6091640.PN. AND writ\$3 AND verif\$7 | | 2003/02/12 16:34 |
| US-PGPUB; | | | | | |
| EPO; JPO; | | | | | |
| IBM TDB | | | | I TOM TOD | 1 |

| - | 6 | @ad<19980923 AND (365/185.22).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND | USPAT; US-PGPUB; | 2003/02/12 17:07 |
|---------|-----|---|------------------------|------------------|
| | | <pre>@pd>19970922) AND (((adjacent OR previous) NEAR4 verif\$7) NEAR4 writ\$3)</pre> | EPO; JPO; IBM TDB | |
| - | 36 | @ad<19980923 AND (365/\$).CCLS. NOT | USPAT; | 2003/02/12 17:20 |
| | | ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND (((adjacent OR previous | US-PGPUB; EPO; JPO; | |
| | | OR next) NEAR4 verif\$7) NEAR4 writ\$3) | IBM_TDB | 0000/00/10 17 00 |
| - | 0 | <pre>@pd<19980923 AND ((multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ</pre> | EPO; JPO | 2003/02/12 17:20 |
| , | | state\$1) OR multivalue\$1 OR (multi ADJ value\$1)) NEAR5 memory) AND (((adjacent OR | | |
| | | previous OR next) NEAR4 verif\$7) NEAR4 | | |
| _ | 24 | writ\$3) @ad<19980923 AND (365/\$).CCLS. NOT | USPAT; | 2003/02/12 17:57 |
| | | ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND ((simultaneous\$2 NEAR4 | US-PGPUB; EPO; JPO; | |
| | | verif\$7) NEAR4 writ\$3) | IBM_TDB | |
| - | 1 | ("5418752").PN. | USPAT; US-PGPUB; | 2003/02/12 17:43 |
| | | | EPO; JPO; | |
| _ | 85 | @ad<19980923 AND (365/45-48 OR | IBM_TDB USPAT; | 2003/02/12 18:07 |
| | | 365/185.03).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) AND bank | US-PGPUB; EPO; JPO; | |
| | | - | IBM TDB | 0000/00/10 00 04 |
| _ | 82 | @ad<19980923 AND (365/45-48 OR 365/185.03).CCLS. NOT ((sandisk OR invoice | USPĀT; US-PGPUB; | 2003/02/13 09:34 |
| | | OR invox).AS. AND @pd>19970922) AND (column NEAR2 circuit) | EPO; JPO; IBM TDB | |
| - | 11 | ("4890259" "4989179" "5126967" | USPAT | 2003/02/12 18:10 |
| | | "5220531" "5241494" "5388064" "5623436" "5629890" "5642316" | | |
| _ | 67 | "5664060" "5726934").PN. @ad<19980923 AND (365/\$).CCLS. AND | USPAT; | 2003/02/13 09:46 |
| | | ((megabits OR mbits OR megabytes OR Mb) | US-PGPUB; | |
| | | NEAR2 (sec OR s! second!)) | EPO; JPO; IBM_TDB | |
| - | 138 | @ad<19980923 AND (365/\$).CCLS. AND (((megabits OR mbits OR megabytes OR Mb) | USPAT; US-PGPUB; | 2003/02/13 09:48 |
| | | NEAR2 (sec OR s! second!)) OR "megabits/sec" OR "megabits/s" OR | EPO; JPO; IBM TDB | |
| | | "megabits/second" OR "mbits/sec" OR | TDM_TDB | |
| | | "mbits/s" OR "mbits/second" OR "megabytes/sec" OR "megabytes/s" OR | | |
| | | "megabytes/second" OR "mb/sec" OR "mb/s" OR "mb/second") | | |
| - | . 7 | @ad<19980923 AND (365/\$).CCLS. AND | USPAT; | 2003/02/13 09:52 |
| | | (((megabits OR mbits OR megabytes OR Mb) NEAR2 (sec OR s! second!)) OR | US-PGPUB; EPO; JPO; | |
| | | "megabits/sec" OR "megabits/s" OR "megabits/sec" OR "mbits/sec" OR | IBM_TDB | |
| | | "mbits/s" OR "mbits/second" OR | | - |
| | | "megabytes/sec" OR "megabytes/s" OR "megabytes/second" OR "mb/sec" OR "mb/s" | | |
| | | OR "mb/second") AND (analog.AB. OR (multilevel\$2 OR (multi ADJ level\$2) OR | | |
| | | multistate\$1 OR (multi ADJ state\$1) OR | • | |
| - | 54 | multivalue\$1 OR (multi ADJ value\$1))) @ad<19980923 AND (((megabits OR mbits OR | USPAT; | 2003/02/13 09:53 |
| | | megabytes OR Mb) NEAR2 (sec OR s! second!)) OR "megabits/sec" OR | US-PGPUB; EPO; JPO; | |
| | | "megabits/s" OR "megabits/second" OR | IBM_TDB | |
| | | "mbits/sec" OR "mbits/s" OR "mbits/second" OR "megabytes/sec" OR "megabytes/s" OR | | |
| | | <pre>"megabytes/second" OR "mb/sec" OR "mb/s" OR "mb/second") AND ((analog.AB. OR</pre> | | |
| | | (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR | i | i |
| | | <pre>multivalue\$1 OR (multi ADJ value\$1)))</pre> | | |
| <u></u> | | NEAR5 memory) | | |

| - 37 - 0 - 206 | @ad<19980923 AND (365/189.04).CCLS. AND (verif\$4 OR verification) NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922) | USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 10:27 |
|----------------------|---|--|--------------------------------------|
| | 111/01/01 01/ 111/01/ 111/b (par 133/0322) | | |
| _ 206 | OTANI-SHINGO.IN. | IBM_TDB USPAT; | 2003/02/13 10:27 |
| | (@ad<19980923 AND (365/230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922)) | US-PGPUB USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 11:09 |
| - 3 | (@ad<19980923 AND (365/230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922)) AND (analog.AB. OR | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 12:05 |
| - 206 | <pre>(multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ value\$1)))</pre> | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 11:14 |
| - 16 | odd OR even) (@ad<19980923 AND (365/230.04).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922)) AND ((odd OR even) NEAR5 | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 11:23 |
| - 26 | ((sandisk OR invoice OR invox).AS. AND @pd>19970922)) AND ((odd OR even) WITH | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 11:28 |
| - 3 | voltage) (@ad<19980923 AND (365/\$).CCLS. NOT ((sandisk OR invoice OR invox).AS. AND @pd>19970922)) AND (even WITH ((first OR second) ADJ voltage)) AND (odd WITH | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/13 11:36 |
| _ 1 | ((first OR second) ADJ voltage)) | USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 12:02 |
| _ 1 | ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR multivalue\$1 OR (multi ADJ | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 12:02 |
| _ 21 | ((sandisk OR invoice OR invox).AS. AND @pd>19970922)) AND (analog.AB. OR (multilevel\$2 OR (multi ADJ level\$2) OR multistate\$1 OR (multi ADJ state\$1) OR | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/02/13 12:18 |
| _ 1 | multivalue\$1 OR (multi ADJ value\$1))) ("4890259").PN. | USPAT; US-PGPUB; EPO; JPO; | 2003/02/13 12:18 |
| - 154 | @ad<19980923 AND memory.AB. AND (((start\$4 OR begin\$4) NEAR3 (writ\$3 OR program\$4)) SAME (before NEAR4 (finish\$3 OR complet\$3 OR done))) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/13 13:20 |
| - 55 | <pre>@ad<19980923 AND memory.AB. AND (((start\$4 OR begin\$4) NEAR3 (writ\$3 OR program\$4)) SAME (before NEAR4 (finish\$3 OR complet\$3</pre> | USPĀT; US-PGPUB; EPO; JPO; | 2003/02/13 12:58 |
| - 26 | OR done))) AND cell @ad<19980923 AND memory.AB. AND (((start\$4 OR begin\$4) NEAR3 (writ\$3 OR program\$4)) SAME (before NEAR4 written)) AND cell | IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/13 13:09 |
| 9 | "5684978" "5781200" "5903509" "5960461" "5983325" "5995438").PN. | USPAT | 2003/02/13 13:05 |
| - - 260 | | USPAT; USPAT; US-PGPUB; EPO; JPO; IBM TDB | 2003/02/13 13:08 2003/02/13 13:11 |

| [- | 79 | @ad<19980923 AND (711/169).CCLS. AND | USPAT; | 2003/02/13 13:12 |
|-----|----------|---|-----------|--------------------|
| | | writ\$3 AND ("charge pump" OR cell) | US-PGPUB; | |
| |) | | EPO; JPO; | |
| | } | | IBM_TDB | |
| l – | 131 | @ad<19980923 AND (365/\$ OR 711/\$).CCLS. | USPAT; | 2003/02/13 13:35 |
| | | AND (((start\$4 OR begin\$4) NEAR3 (writ\$3 | US-PGPUB; | |
| | | OR program\$4)) SAME (before NEAR4 | EPO; JPO; | |
| | | (finish\$3 OR complet\$3 OR done OR | IBM_TDB | |
| | | written))) | | |
| - | 5 | @ad<19980923 AND (charg\$3 NEAR3 pump\$3) | USPAT; | 2003/02/13 13:37 |
| | | AND (((start\$4 OR begin\$4) NEAR3 (writ\$3 | US-PGPUB; | |
| [| | OR program\$4)) SAME (before NEAR4 | EPO; JPO; | |
| | | (finish\$3 OR complet\$3 OR done OR | IBM_TDB | |
| | | written))) | | |
| - | 167 | 1 | USPAT; | 2003/02/13 13:39 |
| | | AND ((writ\$3 OR program\$4) NEAR5 | US-PGPUB; | |
| | | alternat\$4) | EPO; JPO; | 1 |
| | | | IBM_TDB | |
| - | 150 | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | USPAT; | 2003/02/13 13:44 |
| | | AND ((writ\$3 OR program\$4) NEAR5 | US-PGPUB; | |
| | | alternat\$4) AND (memory OR storage) | EPO; JPO; | |
| | | | IBM_TDB | 0000 (00 (10 10 10 |
| - | 59 | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | USPAT; | 2003/02/13 13:46 |
| | | AND ((writ\$3 OR program\$4) NEAR5 | US-PGPUB; | |
| | | (alternates OR alternating)) AND (memory | EPO; JPO; | |
| | | OR storage) | IBM_TDB | 2002/02/10 12 12 |
| - | 1 | ("6172935").PN. | USPAT; | 2003/02/19 13:13 |
| | , | | US-PGPUB; | |
| | | | EPO; JPO; | |
| l | | l | IBM TDB | 1 |